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Sub 33
a positively charged porous matrix; and
a peroxide producing signal producing system present on said matrix, wherein said peroxide producing signal producing system includes a urea derivative dye,
wherein said test strip is stable for at least about six months at temperatures ranging from at least about -80°C to 60°C under humidity ranging from at least about 0% to 20%.

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14. (Once Amended) The test strip according to Claim 11, wherein said urea derivative dye has the formula:

$R^1R^2NCONHR^3$, wherein R^1 , R^2 taken together is a N, N-di-substituted aminoaryl, and R^3 is selected from the group consisting of carboxyalkyl, alkoxycarbonyl, alkylcarbonyl, arylsulfonyl, sulfoaryl and carboxyaryl

19. (Once Amended) An analyte detection or measurement system comprising:

(a) a storage stable reagent test strip comprising:

(i) a positively charged porous matrix; and

(ii) a peroxide producing signal producing system present on said matrix, wherein said peroxide producing signal producing system includes a urea derivative dye; and

(b) an automated instrument,

wherein said test strip is stable for at least about six months at temperatures ranging from at least about -80°C to 60°C under humidity ranging from at least about 0% to 20%.

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20. (Once Amended) A method for detecting the presence or determining the concentration of an analyte in a sample, said method comprising:

(a) applying said physiological sample to a storage stable reagent test strip comprising:

(i) a positively charged porous matrix; and

(ii) a peroxide producing signal producing system present on said matrix, wherein said peroxide producing signal producing system includes a urea derivative dye,

wherein said test strip is stable for at least about six months at temperatures ranging from at least about -80°C to 60°C under humidity ranging from at least about 0% to 20%;

(b) detecting a signal produced by said signal producing system; and

(c) relating said detected signal to the presence or concentration of said analyte in said